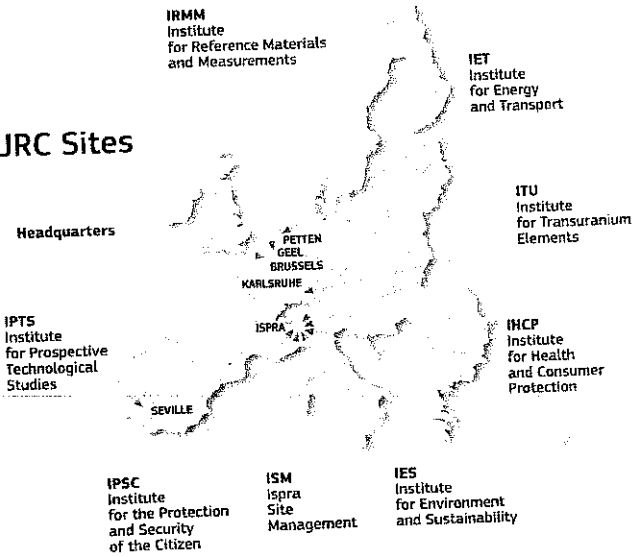

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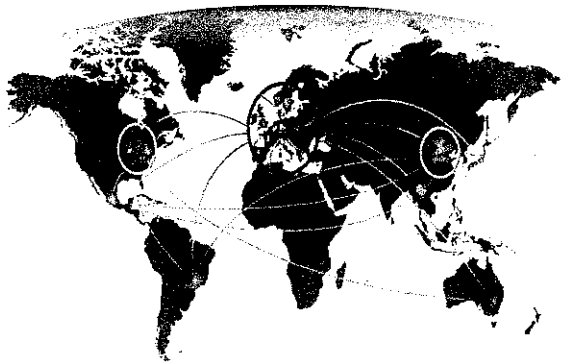
Life Cycle Data Network Launch



The Life Cycle Data Network is a web-based infrastructure to ensure easy access to life cycle data via searches, filtering, and sorting. All datasets registered and published are compliant with minimum requirements (entry-level requirements) aimed at guaranteeing quality and coherence. Datasets in the web-based, non-centralized network can come from any data developer/owner, e.g. industry, national projects, research groups, and consultants.

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Data providers:
Any data provider from any country can join. The datasets in the web-based, remote network may come from any kind of data developer/owner/ provider, e.g. industry, single organizations, national and international LCA projects, research groups, and consultants.

Data sharing
The data will be published by the contributors under their own conditions (e.g. free, for fee, or via registration). Metadata needs to be accessible for free. Businesses, governments, academia, and consultancies can hence provide their data to this decentralized network, based on their own conditions.

Data quality and format
The Entry-Level requirements are a pre-requisite for the registration to the data network, both at the EU and international level:

- Documentation: ILCD format with minimum requirements
- Nomenclature: ILCD Compliant, excluding terminology, some flow aggregation allowed
- Data Quality: part of documentation, according to ISO
- ISO 14040-44 compliant process based LCA
- Qualified reviewer (ISO 14025). External independent reviewer in line with ISO 14044 requirements. Separate review report can be required as additional documentation.

References:

JRC Report "ILCD Data Network - Compliance rules and entry-level requirements" ISBN 978-92-79-22817-9

JRC Reference Report "The International Reference Life Cycle Data System (ILCD) Handbook" ISBN 978-92-79-21640-4 (PDF), ISBN 978-92-79-21639-8 (print)

Life Cycle Data Network Launch: Agenda

European Commission DG JRC
Institute for Environment and Sustainability

06 February 2014, 09:00 – 11:00
Centre Albert Borschette (CCAB), Room AB-0A, 36 Rue Froissart, 1040 Brussels

09:00-09:30 **Registration**

09:30-09:40 **Welcome and opening speech: the Launch of the Life Cycle Data Network.** *Vladímir Šucha, Director General, DG JRC, European Commission*

09:40-09:55 **Policy and Life Cycle Thinking** *Mr Alan Seatter, Deputy Director General, DG Environment, European Commission*

09:55-10:10 **Life Cycle Data Network: why a web based network** *Maria Betti, Director of Institute for Environment and Sustainability, DG JRC, European Commission*

10:10-10:20 **Example of a Member State experience: National databases and Life Cycle Data Network** *Riccardo Rifici, Italian Ministry for Environment, DG for Environmental Assessment, Italy*

10:20-10:30 **Business perspective: Life Cycle Data Network nodes now and future developments** *Patricia Vangheluwe, PlasticsEurope Consumer & Environment Director*

10.35-11.00 *Coffee break*

Tools available throughThe European Platform on Life Cycle Assessment (EPLCA)

http://eplca.jrc.ec.europa.eu

European Reference Life Cycle Database (ELCD) comprises of Life Cycle emissions and resource consumption Inventory (LCI) data from front-running EU-level business associations and other sources for key materials, energy carriers, transport, and waste management, to be used as source for secondary data.

International Reference Life Cycle Data System (ILCD) Handbook is a series of technical guidance documents that provide practice-oriented guidance on LCA; providing a key input to the Environmental Footprint developments, as well as complementary support in relation to data and other application needs.

Life Cycle Data Network: Based on the ILCD data format and nomenclature, aimed at providing a globally usable infrastructure for consistent and quality assured life cycle data.

Resource Directory provides a structured repository for several types of life cycle-based documents and studies, as well as a world-wide list of life cycle support software packages and databases from suppliers/developers, and service providers.

Life Cycle Thinking Forum acts as reference point for scholars and practitioners to discuss anc share experiences on methods, data, events, etc Expected to be revised and released in earl 2014.

Advisory Groups with business stakeholders an software developers are aimed at improving th usefulness of the European Platform in the E and international context, towards the agreemer on common strategies and harmonisation. The complement intergovernmental interactions.